

Pesticide Educational Resources Collaborative – Medical (PERC-med)

1st Quarter Report: March 1, 2018 – May 31, 2018

First Operational Year: 3/01/18 – 2/28/19

**Cooperative Agreement # X8-83935901
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Table of Contents

Program Highlights and Summary.....3

Objectives & Deliverables.....3-9

Difficulties & Deviations.....9

Sub-Awards, Contracts and Other Agreements9

Quarterly Budget Expenditures.....9

PERC-Med’s Goal and Objective

The objective of the Pesticide Educational Resources Collaborative for Medical Professionals (PERC-Med) is to to help educate the medical community on how to prevent, recognize, and treat pesticide-related health conditions and build on the progress of a previous project titled, “From the Fields to the Exam Room: Integrating the Recognition, Management and Prevention of Pesticide Poisonings into the Primary Care Setting.” This is complementary of the Environmental Protection Agency’s Strategic Plan, Goal 4: Ensuring the Safety of Chemicals and Preventing Pollution. Reduce the risk and increase the safety of chemicals and prevent pollution at the source.

PERC-Med is a cooperative agreement (#X8-83935901) between the U.S. Environmental Protection Agency’s Office of Pesticide Programs and University of California Davis Extension, in collaboration with Oregon State University.

Submitted to:

U.S. Environmental Protection Agency
Office of Pesticide Programs

Submitted on June 28, 2018 by:

Suzanne Forsyth
PERC-Med Administrator and PI

Program Highlights and Summary

The original name of the agreement of Pesticide Education for Medical Professionals (PEMP), with approval from the EPA project officers, was changed to Pesticide Educational Resources Collaborative – Medical (PERC-Med) in order to leverage the known name of PERC.

PERC-Med was pleased to have those that wrote the original letters of support able and willing to join the Advisory Board. More members may be added for areas that need representation (professional fields, regions, etc.) are recognized.

1. Frederick Berman, Toxicology Information Center, Oregon Institute of Occupational Health Sciences
2. John Forsyth, Occupational Health Sciences, Dignity Health Medical Foundation
3. Jeff Jenkins, National Pesticide Information Center
4. Ouahiba Laribi, Scientific Affairs Division, CalEPA Office of Environmental Health Hazard Assessment
5. Diane Rohlman, Occupational & Environmental Health, University of Iowa
6. Mark Schenker, Public Health Sciences and Medicine, University of California, Davis

Objectives and Deliverables

Objective 1: Provide continuing education, training and technical assistance to relevant audiences.

Output A: Training sessions for medical professionals using old and new training models

Anticipated out-comes for Q1	Actual outcomes	Next quarter
	No deliverables at this time.	Track the number of webinars, presentations, or training sessions for medical professionals that are developed, delivered, or distributed by PERC-Med
Track the number and nature of uses/contacts between medical professionals and the resources created and/or distributed	PERC-Med did not have resources available during this time, as the Advisory Board is being established and projects will be determined in future quarters.	Track the number and nature of uses/contacts between medical professionals and the resources created and/or distributed

Output B: Accredited continuing education courses

Anticipated out-comes for Q1	Actual outcomes	Next quarter
	No deliverables at this time.	Track the number and nature of continuing education courses for medical professionals created and/or distributed

Output C: Training sessions for any/all stakeholders other than medical professionals

Anticipated out-comes for Q1	Actual outcomes	Next quarter
	No deliverables at this time.	Track the number of webinars/presentation s/training sessions for stakeholders other than medical professionals
	No deliverables at this time.	Track the number and nature of uses/contacts between all stakeholders (health departments, medical associations, etc.) and the resources created and/or distributed

Output D: A number of stakeholders receiving technical assistance to integrate the core skills into practice

Anticipated out-comes for Q1	Actual outcomes	Next quarter
Track the number of stakeholders served with technical assistance to integrate the core skills into practice, for example, using apps, online modules and other tools	PERC-Med was not providing assistance during this time, as processes are currently being determined and established.	Track the number of stakeholders served with technical assistance to integrate the core skills into practice, for example, using apps, online modules and other tools

Objective 2: Update existing and/or develop new materials and resource tools.**Output A: A number of tested resources distributed to clinicians and other stakeholders**

Anticipated out-comes for Q1	Actual outcomes	Next quarter
	No deliverables at this time.	Track the number of tested resources distributed
Track the number of subscribers for email distribution list(s) and the number of followers on social media	PERC-Med is currently setting up an email distribution list for stakeholders to stay up to date on current and new resources.	Track the number of subscribers for email distribution list(s) and the number of followers on social media

Output B: A marketing plan that accompanies each resource and tool developed

Anticipated out-comes for Q1	Actual outcomes	Next quarter
	No deliverables at this time.	Track milestones in developing a marketing strategy for PERC-Med
	No deliverables at this time.	Track milestones in developing and executing marketing activities for each resource and tool developed

Output C: One or more new resources developed each project year

Anticipated out-comes for Q1	Actual outcomes	Next quarter
	No deliverables at this time.	Track the number and nature of electronic-only resources developed, such as mobile apps and/or databases
	No deliverables at this time.	Track the number and nature of printable resources developed and/or improved such as clinical toxicology briefs, clinical guidelines and/or checklists

Output D: A website that is updated and maintained for access to pesticide-related resources and links to partners and tools

Anticipated out-comes for Q1	Actual outcomes	Next quarter
Track milestones in developing and maintaining the website	The PERC-Med website is currently in development.	Track milestones in developing and maintaining the website
Track reach/engagement using web analytics	The PERC-Med website is currently in development.	Track reach/engagement using web analytics

Output E: Six or more pesticide-related articles written and placed in relevant media each year, with estimated audiences

Anticipated out-comes for Q1	Actual outcomes	Next quarter
	No deliverables at this time.	Track the number of articles written/distributed annually
	No deliverables at this time.	Track the approximate reach/engagement/audience for each article

Output F: An evaluation tool to determine effectiveness of programs

Anticipated out-comes for Q1	Actual outcomes	Next quarter
	No deliverables at this time.	Track the inclusion of evaluation-planning each project plan to ensure effectiveness
	No deliverables at this time.	Track milestones in developing and executing marketing activities for each resource and tool developed

Objective 3: Conduct outreach to existing and new audiences to use materials and tools.**Output A: A number of stakeholders accessing high-quality pesticide-related training materials**

Anticipated out-comes for Q1	Actual outcomes	Next quarter
Measure web traffic to PERC-Med resource collections	The PERC-Med website is currently in development.	Measure web traffic to PERC-Med resource collections

Output B: A number of stakeholders receiving technical assistance on the availability of pesticide-related training materials

Anticipated out-comes for Q1	Actual outcomes	Next quarter
	No deliverables at this time.	Track the number of stakeholders served with technical assistance on the availability of pesticide-related training materials
Track the number and nature of partnerships to apply technical knowledge in practice	PERC-Med Advisory Board members represent organizations around the country, including The Great Plains Center for Agricultural Health, California EPA Office of Environmental Health Hazard Assessment, and Oregon Health Sciences University Toxicology Information Center.	Track the number and nature of partnerships to apply technical knowledge in practice

Objective 4: Develop partnerships and a sustainable network of stakeholders.

Output A: A minimum of 10 strategic meetings organized and facilitated to promote the recognition, diagnosis, treatment and prevention of pesticide poisonings in medical practice settings

Anticipated out-comes for Q1	Actual outcomes	Next quarter
	No deliverables at this time.	Track the number and nature of strategic meetings attended
	No deliverables at this time.	Track the number and nature of presentations delivered for/with key stakeholders
Track the number of stakeholders engaged in collaborative resource-prioritization, planning, development, marketing and/or evaluation	The PERC-Med Advisory Board's first meeting was held on June 5, 2018.	Track the number of stakeholders engaged in collaborative resource-prioritization, planning, development, marketing and/or evaluation

Output B: A number of new partnerships developed and existing partnerships maintained, and the number of people involved in those partnerships

Anticipated out-comes for Q1	Actual outcomes	Next quarter
Track the number of partnerships initiated through outreach	PERC-Med has not established partnerships beyond the advisory board members representing their organizations. Research is being conducted to seek opportunities for PERC-Med in future quarters.	Track the number of partnerships initiated through outreach
	No deliverables at this time.	Track achievements in collaboration, such as leveraging planned gatherings and/or improving laboratory analysis procedures

Output C: Planning and Reporting

Anticipated out-comes for Q1	Actual outcomes	Next quarter
Submit quarterly reports within 30 days of the close of the quarter	<p>The first quarterly report for Year One was submitted within 30 days of the close of the quarter on June 28, 2018.</p> <p>This quarterly report includes a summary of expenditures, purchases, and other fiscal activities; a side-by-side comparison of actual accomplishments vs. project accomplishments; proposed timelines/milestones.</p>	Submit quarterly reports within 30 days of the close of the quarter.

Difficulties and Departures

PERC-Med had to adjust its Year One work plan because only a portion (25%) of the annual award was available as of 5/31/18. Once we receive the balance of the funding then we will be able to proceed with hiring full time program staff to begin work on Objectives 1-4 described on pages 3-9.

Sub-Awards, Contracts and Other Agreements

As part of its project proposal, UCDE named Oregon State University as a collaborator and therefore was not required to compete this sub-award further. Kaci Buhl serves as the Principal Investigator. The total for Project Year 2018 was budgeted at \$12,500 although we are seeking a request to amend this to \$50,000 once we receive full funding. The total anticipated expenses for this first reporting period are approximately \$3,125. PERC-Med will we report in a subsequent report once we receive and pay the OSU invoice.

Quarterly Budget Expenditures – Project Year One 2018

	Q1	Q2	Q3	Q4	Cumulative	Budgeted Annual	% Used of Annual
Project Year 2018							
A. Personnel	\$435					\$45,328	0.96%
B. Benefits	\$190					\$22,049	0.86%
C. Travel						\$0	
D. Equipment						\$0	
E. Program Supplies						\$0	
F. Contractual						\$2,957	
G. Construction						\$0	
H. Other						\$12,999	
Total Direct Costs	\$625					\$83,333	0.75%
Total Modified Direct Costs (MTDC)	\$625					\$83,333	0.75%
I. Indirect Costs	\$312					\$41,667	0.75%
Total Expenses:	\$937				\$937	\$125,000	0.75%

Resources used during this period amount to approximately \$937 representing 0.75% of the total award amount for FY2018. Additional direct expenses will continue to post in Quarter 2 and will be reflected in subsequent draw-downs and progress reports.